

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 00/34100

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M15/00 A61M11/00 B05D7/14 B65D83/06 A61M16/00
A61M13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M B05D B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 785 049 A (BURR JOHN D ET AL) 28 July 1998 (1998-07-28)	1-3,6,8, 9,16,18, 20-22, 26,27
Y	abstract; figures	7,19
A	column 3, line 31-44	4,5,10, 17,28
	column 3, line 66 -column 4, line 67 column 5, line 20-47 column 5, line 66 -column 6, line 52 column 8, line 16 -column 10, line 32 column 12, line 1 -column 13, line 2 ---	
Y	US 5 460 173 A (KARG JEFFREY A ET AL) 24 October 1995 (1995-10-24) figure 1 --- -/--	7,19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

11 July 2001

Date of mailing of the international search report

27/07/2001

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 90 07351 A (PEDERSEN SOEREN ;SCHENK HANS GERNOT (DK)) 12 July 1990 (1990-07-12) figures 1-3 -----	7,19
X A	DE 197 04 849 A (PFEIFFER ERICH GMBH & CO KG) 13 August 1998 (1998-08-13) abstract; figures column 1, line 21 -column 2, line 32 column 4, line 27-53 column 6, line 50 -column 7, line 11 column 8, line 61 -column 9, line 18 column 10, line 58 -column 11, line 50 -----	1,3,16, 18,20,26 2,4-10, 17,19, 21,22, 27,28
A	DE 196 19 536 A (SCHUCKMANN ALFRED VON) 30 October 1997 (1997-10-30) abstract; figures column 1, line 37 -column 3, line 19 column 4, line 34 -column 7, line 16 -----	1-10, 16-22, 26-28
A	DE 197 57 208 A (SCHUCKMANN ALFRED VON) 24 June 1999 (1999-06-24) abstract; figures column 4, line 15-55 column 6, line 46-52 -----	1-10, 16-22, 26-28

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 11-15,23-25

With the letter of 08.06.2001 the applicant requested that only claims 1-10, 16-22 and 26-28 should be searched.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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information on patent family members

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